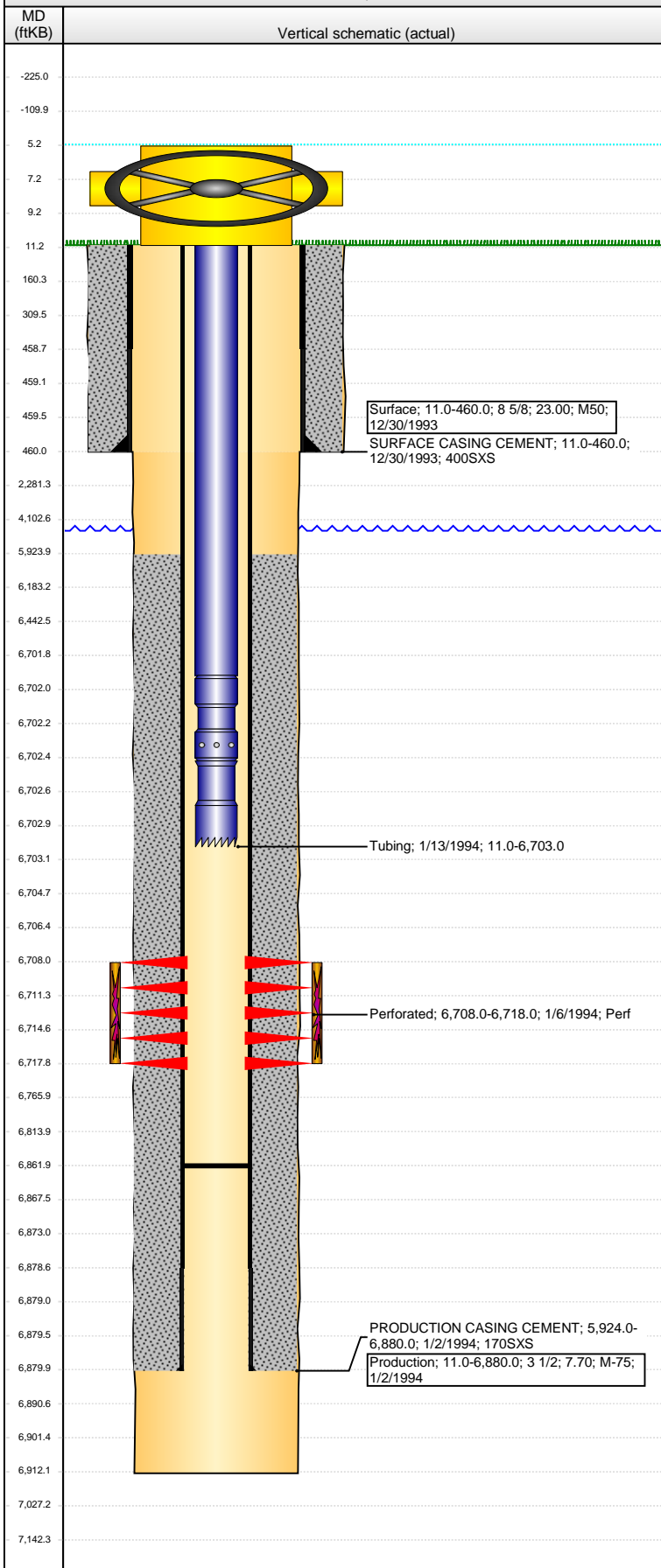


**Well Name: WATKINS 18-13**

VERTICAL - ORIGINAL HOLE, 2/3/2016 8:03:26 AM



## Well Header

|  |                               |                         |                         |
|--|-------------------------------|-------------------------|-------------------------|
| API<br>05-123-17622                    | Business Unit<br>DJ BASIN     | District<br>15          | Well Config<br>VERTICAL |
| Original KB Elevation (ft)<br>4,658.00 | KB - GL / MSL (ftKB)<br>11.00 | Spud Date<br>12/30/1993 | P & A Date              |
| Comment                                |                               |                         |                         |
| Directions To Well                     |                               |                         |                         |

## Congressional Location

| Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 | Section | Township | Twnshp N... | Range | Rng E/W Dir |
|-----------|-----------|-----------|-----------|---------|----------|-------------|-------|-------------|
|           |           | SW        | SW        | 18      | 4        | N           | 63    | W           |

## Bottom Hole Location

|                           |                  |                         |                  |
|---------------------------|------------------|-------------------------|------------------|
| North-South Distance (ft) | From N or S Line | East-West Distance (ft) | From E or W Line |
|---------------------------|------------------|-------------------------|------------------|

## Plug Back Total Depths

| Date     | Depth (ftKB) | Method | Com |
|----------|--------------|--------|-----|
| 1/2/1994 | 6,862.0      | TAG    |     |

## Wellbore Sections

| Section Des | Size (in) | Act Top, MD (ftKB) | Act Btm, MD (ftKB) |
|-------------|-----------|--------------------|--------------------|
| SURFACE     | 12 1/4    | 11.0               | 460.0              |
| PRODUCTION  | 7 7/8     | 460.0              | 6,912.0            |

## Zone Statuses

| Zone Name | Status Date | Status | Fluid Type | Job            | Prod Method |
|-----------|-------------|--------|------------|----------------|-------------|
| CODELL    | 1/25/1994   | PR     | Gas        | DRILLING/CO... |             |

## Casing Strings

| Casing Description | Run Date   | OD (in) | Wt/Len (l... | Grade | Top, MD (ft... | MD (ftKB) |
|--------------------|------------|---------|--------------|-------|----------------|-----------|
| Surface            | 12/30/1993 | 8 5/8   | 23.00        | M50   | 11.0           | 460.0     |

## Production, 6,880.0ftKB

| Casing Description | Run Date | OD (in) | Wt/Len (l... | Grade | Top, MD (ft... | MD (ftKB) |
|--------------------|----------|---------|--------------|-------|----------------|-----------|
| Production         | 1/2/1994 | 3 1/2   | 7.70         | M-75  | 11.0           | 6,880.0   |

## Cement

| Description              | Top Depth (ftKB) | Bottom Depth (ftKB) |
|--------------------------|------------------|---------------------|
| SURFACE CASING CEMENT    | 11.0             | 460.0               |
| PRODUCTION CASING CEMENT | 5,924.0          | 6,880.0             |

## Tubing Strings

| Tubing Description | Run Date  | String... | ID (in) | Wt (lb/ft) | Grade | Len (ft) | Set De... |
|--------------------|-----------|-----------|---------|------------|-------|----------|-----------|
| Tubing             | 1/13/1994 | 2 1/16    | 1.751   | 3.25       | J-55  | 6,692.00 |           |

## Tubing Components

| Item Des            | OD (in) | Wt (lb/ft) | Grade | Jts | Len (ft) | Btm (ftKB) | Btm (TVD) (ftKB) |
|---------------------|---------|------------|-------|-----|----------|------------|------------------|
| Tubing              | 2 1/16  | 3.25       | J-55  | 203 | 6,690.90 | 6,701.9    |                  |
| Pump Seating Nipple | 2 1/16  |            |       | 1   | 0.55     | 6,702.5    |                  |
| Notched collar      | 2 1/16  |            |       | 1   | 0.55     | 6,703.0    |                  |

## Perforation Data

| Zone                  | Bnch/St g | Entered Shot Total | Top (ftKB) | Btm (ftKB) | Date     |
|-----------------------|-----------|--------------------|------------|------------|----------|
| CODELL, ORIGINAL HOLE |           | 20                 | 6,708.00   | 6,718.00   | 1/6/1994 |

## Stimulations & Treatments

| Date             | Zone                  | Primary Job Type               |
|------------------|-----------------------|--------------------------------|
| 1/10/1994        | CODELL, ORIGINAL HOLE | DRILLING/COMPLETION - ORIGINAL |
| Technical Result |                       | Tech Result Details            |
|                  |                       | Tech Result Note               |

Comment

## Other In Hole

| Run Date | Des | OD (in) | Top (ftKB) | Btm (ftKB) |
|----------|-----|---------|------------|------------|
|          |     |         |            |            |

## Logs

| Date       | Type                 | Top, MD (ftKB) | Btm, MD (ftKB) |
|------------|----------------------|----------------|----------------|
| 12/30/1993 | GAMMA RAY            | 6,348.0        | 6,835.0        |
| 1/3/1994   | DIFL/DENS/GR/GRD/CAL | 4,060.0        | 6,908.0        |
| 1/3/1994   | INDUCTION            | 460.0          | 6,910.0        |